Balance Control Study for Children with Cerebral Palsy

This study is investigating sensory processing deficits that may affect postural control in children with cerebral palsy. In addition, stochastic resonance (SR) stimulation will be used to improve balance in this population. We hope this work to provide a scientific foundation for developing novel rehabilitation approaches for improving balance control and mobility in cerebral palsy.

This 2-day study is funded by Shriners Hospital for Children (SHC) and it is conducted at the SHC in Philadelphia and the Temple University. Travel, lodging, and parking expenses are provided at no cost if you decide to participate.

Your child may be eligible if…

- 8-18 years with spastic CP
- Able to stand for at least 2 min without support
- Able to communicate effectively

For this project we are also recruiting typically developing children to help us better understand how differently they process sensory information and how this information affects their balance compared to children with cerebral palsy.

For more information…

Please click here for the abstract of this study.

Please click here for the brochure and flyers of this study.

Please click here to contact us.